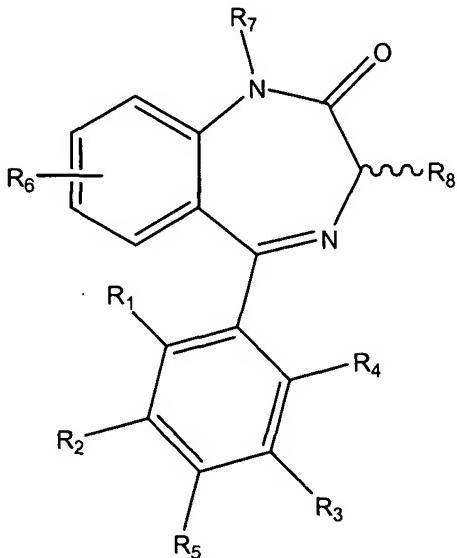


**We claim:**

1. A composition comprising a drug-eluting stent media; wherein said drug-eluting stent media comprises a pharmaceutical composition; wherein said pharmaceutical composition comprises an agent comprising the following formula:



including both R and S enantiomeric forms and racemic mixtures;  
wherein R1, R2, R3 and R4 are selected from the group consisting of:

- 10           hydrogen; CH<sub>3</sub>; a linear or branched, saturated or unsaturated aliphatic chain having at least 1 carbon; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one hydroxy subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one thiol subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, wherein said aliphatic chain terminates with an aldehyde subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one ketone subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons; wherein said aliphatic chain terminates with a carboxylic acid subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2
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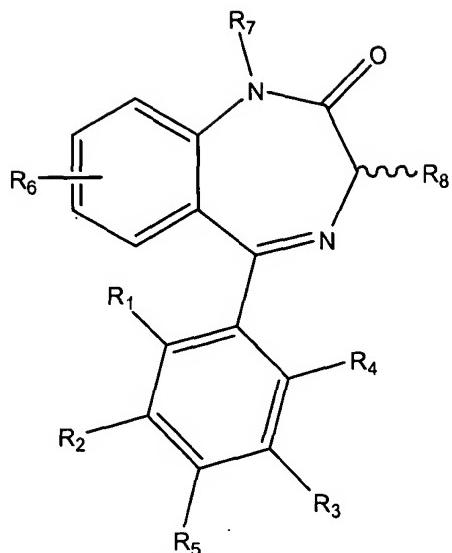
carbons, and having at least one amide subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one acyl group; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one nitrogen containing moiety; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one amine subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one ether subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one halogen subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one nitronium subgroup;

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wherein R5 is selected from the group consisting of: OH; NO<sub>2</sub>; OR'; wherein R' is selected from the group consisting of:

a linear or branched, saturated or unsaturated aliphatic chain having at least one carbon; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one hydroxyl subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one thiol subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, wherein said aliphatic chain terminates with an aldehyde subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one ketone subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons; wherein said aliphatic chain terminates with a carboxylic acid subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one amide subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2

- carbons, and having at least one acyl group; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one nitrogen containing moiety; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one amine subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one halogen subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one nitronium subgroup; wherein R6 is selected from the group consisting of: Hyrdrogen; NO<sub>2</sub>; Cl; F; Br; I; SR'; and NR'₂; wherein R' is defined as above in R5;
- wherein R7 is selected from the group consisting of:
- Hydrogen; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons; and
- wherein R8 is an aliphatic cyclic group larger than benzene; wherein said larger than benzene comprises any chemical group containing 7 or more non-hydrogen atoms, and is an aryl or aliphatic cyclic group.
- 20 2. A method for treating a vessel comprising exposing a vessel of a subject to the composition of Claim 1.
3. The method of Claim 2, wherein said vessel is an occluded vessel.
- 25 4. The method of Claim 2, wherein said vessel is a cardiac vessel.
5. A method of regulating cellular death comprising:
- a) providing a subject and a composition; wherein said composition comprises the following formula:



including both R and S enantiomeric forms and racemic mixtures;

wherein R1, R2, R3 and R4 are selected from the group consisting of:

hydrogen; CH<sub>3</sub>; a linear or branched, saturated or unsaturated aliphatic chain having at least 1 carbon; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one hydroxy subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one thiol subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, wherein said aliphatic chain terminates with an aldehyde subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one ketone subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons; wherein said aliphatic chain terminates with a carboxylic acid subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one amide subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one acyl group; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one nitrogen containing moiety; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at

least one amine subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one ether subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one halogen subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one nitronium subgroup;

5 wherein R5 is selected from the group consisting of: OH; NO<sub>2</sub>; OR'; wherein R' is selected from the group consisting of:

10 a linear or branched, saturated or unsaturated aliphatic chain having at least one carbon; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one hydroxyl subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one thiol subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, wherein said aliphatic chain terminates with an aldehyde subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one ketone subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons; wherein said aliphatic chain terminates with a carboxylic acid subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one amide subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one acyl group; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one nitrogen containing moiety; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one amine subgroup; a linear or branched, saturated or unsaturated

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- aliphatic chain having at least 2 carbons, and having at least one halogen subgroup; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons, and having at least one nitronium subgroup; wherein R6 is selected from the group consisting of: Hyrdrogen; NO<sub>2</sub>; Cl; F; Br; I; SR'; and NR'₂; wherein R' is defined as above in R5;
- 5           wherein R7 is selected from the group consisting of:
- Hydrogen; a linear or branched, saturated or unsaturated aliphatic chain having at least 2 carbons; and
- 10          wherein R8 is an aliphatic cyclic group larger than benzene; wherein said larger than benzene comprises any chemical group containing 7 or more non-hydrogen atoms.
- b)       administering said composition to said subject.

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